



SEQUENCE LISTING

<110> Xu, Zhang-Bao
Somers, William
Akopian, Tatos
Hsiao, Chu-Lai
Unwalla, Raymond

<120> CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR-B COMPLEX
AND USES THEREOF

<130> 37174/9

<140> US 09/903,876

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<160> 2

<170> PatentIn version 3.0

<210> 1

<211> 243

<212> PRT

<213> Homo sapiens

<400> 1

Ala Leu Ser Leu Thr Ala Asp Gln Met Val Ser Ala Leu Leu Asp Ala
1 5 10 15

Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp Pro Thr Arg Pro Phe Ser
20 25 30

Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg Glu Leu
35 40 45

Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val Asp Leu
50 55 60

Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu Glu Ile
65 70 75 80

Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Val Lys Leu
85 90 95

Leu Phe Ala Pro Asn Leu Leu Asp Arg Asn Gln Gly Lys Cys Val
100 105 110

Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser Ser Arg
115 120 125

Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu Lys Ser
130 135 140

Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr Leu
145 150 155 160

Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys Ile
165 170 175

Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu Gln
180 185 190

Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His Ile
195 200 205

Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys Cys
210 215 220

Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
225 230 235 240

His Arg Leu

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<211> 239

<212> PRT

<213> Homo sapiens

<400> 2

Leu Asp Ala Leu Ser Pro Glu Gln Leu Val Leu Thr Leu Leu Glu Ala
1 5 10 15

Glu Pro Pro His Val Leu Ile Ser Arg Pro Ser Ala Pro Phe Thr Glu
20 25 30

Ala Ser Met Met Ser Leu Thr Lys Leu Ala Asp Lys Glu Leu Val
35 40 45

His Met Ile Ser Trp Ala Lys Lys Ile Pro Gly Phe Val Glu Leu Ser
50 55 60

Leu Phe Asp Gln Val Arg Leu Leu Glu Ser Cys Trp Met Glu Val Leu
65 70 75 80

Met Met Gly Leu Met Trp Arg Ser Ile Asp His Pro Gly Lys Leu Ile
85 90 95

Phe Ala Pro Asp Leu Val Leu Asp Arg Asp Glu Gly Lys Cys Val Glu
100 105 110

Gly Ile Leu Glu Ile Phe Asp Met Leu Leu Ala Thr Thr Ser Arg Phe
115 120 125

Arg Glu Leu Lys Leu Gln His Lys Glu Tyr Leu Cys Val Lys Ala Met
130 135 140

Ile Leu Leu Asn Ser Ser Met Tyr Pro Leu Val Thr Ala Gln Asp Ala
145 150 155 160

Asp Ser Ser Arg Lys Leu Ala His Leu Leu Asn Ala Val Thr Asp Ala
165 170 175

Leu Val Trp Val Ile Ala Lys Ser Gly Ile Ser Ser Gln Gln Ser
180 185 190

Met Arg Leu Ala Asn Leu Leu Met Leu Ser His Val Arg His Ala Ser
195 200 205

Asn Lys Gly Met Glu His Leu Leu Asn Met Lys Cys Lys Asn Val Val
210 215 220

Pro Val Tyr Asp Leu Leu Glu Met Leu Asn Ala His Val Leu
225 230 235